

62310_Seq_Listing.txt
SEQUENCE LISTING

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<120> METHODS FOR THE DETECTION OF NUCLEIC ACID DIFFERENCES

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<140> 10/590,541

<141> 2006-08-25

<150> PCT/US05/09391

<151> 2005-03-22

<150> 60/619,817

<151> 2004-10-18

<150> 60/555,167

<151> 2004-03-22

<160> 67

<170> PatentIn version 3.5

<210> 1

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 1

gtaaaacgac ggccagggag agaggcctgc tgaaaa

36

<210> 2

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

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37

<210> 3

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 3

actgtaaaac gacggccagt gttcccctca aactggcaga tgcacgcttg tggtagttgg

60

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agctgt 66

<210> 4
 <211> 66
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<220>
 <223> Description of Artificial Sequence: Synthetic
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<400> 4
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 agctga 66

<210> 5
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 5
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 ggagttc 67

<210> 6
 <211> 65
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 6
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 gctgg 65

<210> 7
 <211> 40
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 7
 tggcgtaggc aagagtcct ggtcatagct gtttcctgca 40

<210> 8

<211> 41
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

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<210> 9
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 primer

 <400> 9
 ctgtaaaacg acggccagtg 20

<210> 10
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 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 primer

 <400> 10
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<210> 11
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 probe

 <400> 11
 tcccctcaaa ctggcagatg cacg 24

<210> 12
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 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 probe

 <400> 12
 cgtattaccg cggctgctgg cac 23

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<210> 13
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 <212> DNA
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 <220>
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 aca 63

 <210> 14
 <211> 42
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 14
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 <210> 15
 <211> 65
 <212> DNA
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 oligonucleotide

 <400> 15
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 aggac 65

 <210> 16
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 <212> DNA
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 oligonucleotide

 <400> 16
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 aggaa 65

 <210> 17
 <211> 49
 <212> DNA
 <213> Artificial Sequence

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<220>
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 <400> 17
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 <210> 18
 <211> 20
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 <220>
 <223> Description of Artificial Sequence: Synthetic
 primer

 <400> 18
 ggagagaggc ctgctgaaaa 20

 <210> 19
 <211> 27
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 <220>
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 primer

 <400> 19
 aatgattctg aattagctgt atcgta 27

 <210> 20
 <211> 26
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 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 primer

 <400> 20
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 <210> 21
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <211> 20

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<212> DNA
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 primer
 <400> 23
 gaacctccga gatcgaaga 19

<210> 24
 <211> 20
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 primer
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<210> 25
 <211> 20
 <212> DNA
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 <223> Description of Artificial Sequence: Synthetic
 primer
 <400> 25
 agacttctgg gaagttcaat 20

<210> 26
 <211> 20
 <212> DNA
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 <223> Description of Artificial Sequence: Synthetic
 primer
 <400> 26
 tggagaaaat tagtagattt 20

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<210> 27
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 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 primer

 <400> 27
 atccctgggt aaatctgact 20

 <210> 28
 <211> 80
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 28
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 cagcaggtct aaaaaaggac 80

 <210> 29
 <211> 49
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 29
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 <210> 30
 <211> 80
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 30
 actgtaaaac gacggccagt gttccctca aactggcaga tgcacgagga ataccacatc 60
 ctgcagggtc aaaaaaggac 80

 <210> 31
 <211> 49
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

oligonucleotide

<400> 31
 aaatcagtaa cagtactgga tgtgggtgtg gtcatactg tttcctgca 49

<210> 32
 <211> 47
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 32
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<210> 33
 <211> 47
 <212> DNA
 <213> Human immunodeficiency virus type 1

<400> 33
 cgcagggtta aaaaaggaaa aatcagtaac agtactggat gtgggtg 47

<210> 34
 <211> 47
 <212> DNA
 <213> Human immunodeficiency virus type 1

<400> 34
 cgcagggtta aaaaagaaca agtcagtaac matactggat gtgggtg 47

<210> 35
 <211> 47
 <212> DNA
 <213> Human immunodeficiency virus type 1

<400> 35
 ygcagggttr aaaaagaaaa aatcagtaac agtactrgat gtgggtg 47

<210> 36
 <211> 47
 <212> DNA
 <213> Human immunodeficiency virus type 1

<400> 36
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<210> 37
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<220>
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 oligonucleotide

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<400> 37
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<210> 38
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 38
cgatttttaa cgcgtaagcg 20

<210> 39
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 39
cgcttacgcg ttaaaaatcg 20

<210> 40
<211> 20
<212> DNA
<213> Artificial Sequence

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oligonucleotide

<400> 40
tgatttttaa tgtgtaagtg 20

<210> 41
<211> 24
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<220>
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oligonucleotide

<400> 41
tagttggacc tgatggcgta ggca 24

<210> 42
<211> 62
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 42
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gg 62

<210> 43
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 43
aggaatacca catccagcag gtctaaaaaa ggacaaatca gtaacagtac tagatgtggg 60
gg 62

<210> 44
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 44
aggaatacca catccagcag gtctaaaaaa gaacaaatca gtaacagtac tagatgtggg 60
gg 62

<210> 45
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 45
aggaataccg caccctgcag gtttaaaaaa gaacaaatca gtaacagtac tagatgtggg 60
gg 62

<210> 46
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 46
aggaataccg catccagcgg gcctaaaaaa gaacaaatca gtaacagtac tagatgtggg 60
gg 62

<210> 47
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 47
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gg 62

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<210> 48
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

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gg                                                                    62

<210> 49
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 49
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gg                                                                    62

<210> 50
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 50
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gg                                                                    62

<210> 51
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 51
aggaataccg catccagcgg gcttaaaaaa gaamaaatca gtaacagtac tagatgtagg      60
gg                                                                    62

<210> 52
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 52
aggaataccg catcccgag gtttaaaaaa gaaaaaatca gtaacagtac tagatgtggg      60
gg                                                                    62

<210> 53
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 53
aggaataccg catcccgag gtttaaaaaa gaacaaatca gtaacagtcg tagatgtggg      60

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tg	62
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<211> 62	
<212> DNA	
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tg	62
<210> 56	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
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tg	62
<210> 57	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
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tg	62
<210> 58	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
<400> 58	
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tg	62

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<210> 59
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

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tg                                                                    62

<210> 60
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 60
agggataccg catcctgcag ggctaaaaaa gaahaaatca gtaacagtac tggatgtggg      60
tg                                                                    62

<210> 61
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 61
aggaatacca catcctgcag ggctaaaaaa gaamaaatca gtaacagtac tggatgtggg      60
tg                                                                    62

<210> 62
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 62
aggaatacca catcctgcag gactaaaaaa gaamaaatca gtaacagtac tggatgtggg      60
tg                                                                    62

<210> 63
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 63
aggaatacca catcctgcag ggytaaaaaa gaahaaatca gtaacagtwc tggatgtggg      60
tg                                                                    62

<210> 64
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 64
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tg	62
<210> 65	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
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tg	62
<210> 66	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
<400> 66	
aggaataaccg catcctgcag ggctaaaaaa gaawaaatca gtaacagtac tggatgtggg	60
tg	62
<210> 67	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
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tg	62